

REMARKS/ARGUMENTS

Claims 20-21 and 24-30 are pending. Claim 25 has been amended, and new claims 29-30 have been added. No new matter has been added by the amended or new claims.

Claims 24-26 are rejected under 35 U.S.C. § 102(e) as being anticipated by Baynham (US 6,198,922).

As amended, all the pending claims of the subject application comply with all requirements of 35 U.S.C. Accordingly, applicant requests examination and allowance of all pending claims.

Allowable Subject Matter

Claims 20, 21, 27, and 28 are allowed over the prior art. The Applicants respectfully thank the examiner for the indication of allowable subject matter.

Claim Rejections - 35 U.S.C. § 102

Claim 24 recites, "wherein information regarding said subset of subcells is replaced with information regarding said particular cell of said first level of said hierarchical data structure, thereby facilitating storage and processing of said geographical zone definition." The applicants respectfully submit that the cited reference does not teach or suggest at least these claim elements.

As discussed in the previous amendment filed on May 5, 2005, embodiments of the present invention provide methods and systems for condensing a quadtree data structure. "A quadtree that has been condensed has lower storage requirements relative to a quadtree that has not been condensed. Further, a condensed quadtree will increase, in certain situations, the speed at which the determination is made of whether the location associated with the wireless station is within the area of interest." (Specification at page 6, lines 23-26).

The claimed invention recited in claim 24 utilizes a quadtree condensation process that facilitates the storage and processing of the geographical zone definition. As recited by claim 24, the method includes replacing "information regarding said subset of subcells" "with information regarding said particular cell of said first level of said hierarchical data structure." On the contrary, the cited reference appears to use a subdivision only approach, only utilizing

flags to mark cells for subdivision into subcells. For at least these reasons, claim 24 is in a condition for allowance.

Claim 25 recites "providing a first indication that the wireless station is in an area of interest if the cell found has an area identifier associated with the cell" and "providing a second indication that the cell contains subcells if the cell found has pointers to a plurality of database records for the subcells corresponding to the cell associated with the cell." Applicants respectfully submit that the cited reference does not teach or suggest at least these claim elements.

Baynham discusses dividing cells into subcells and setting a flag to indicate that a cell contains subcells. However, the cited reference does not teach or suggest the limitations recited by claim 25, including pointers to a plurality of database records for the subcells corresponding to a cell.

Claim 26, which depends from claim 25, is in a condition for allowance, for at least the reasons discussed in relation to claim 25, as well as for the additional limitations it recites.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,


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